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Deep Dive: Solana DePIN

// April 2025

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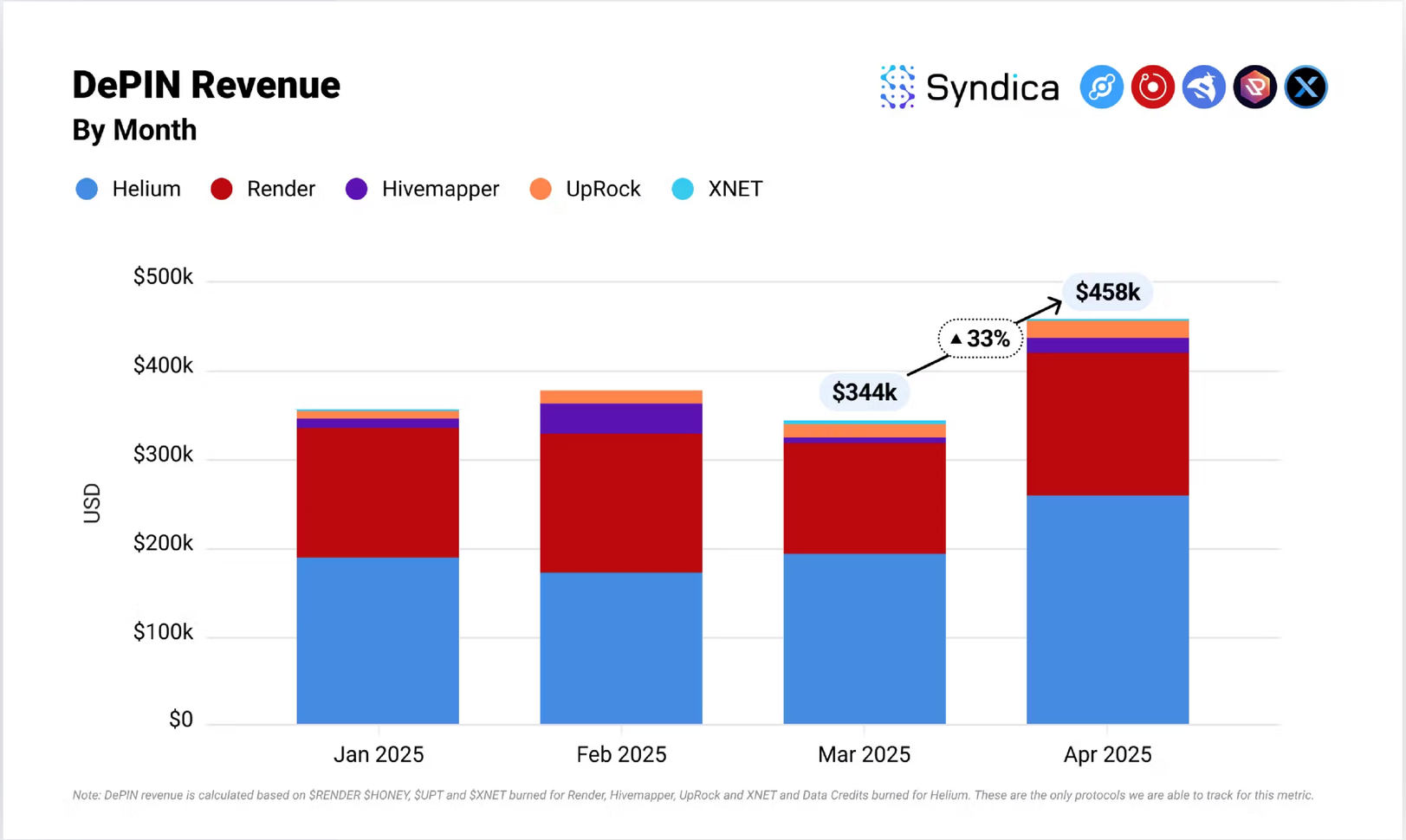
DePIN revenues hit a new YTD high.

Helium, Render, Hivemapper, UpRock, and XNET are the only Solana DePIN protocols with verifiable on-chain revenue via token burns.

Together, they generated $458k in total monthly revenue, a 33% MoM increase, and their highest performance of the year.

Note: DePIN revenue is calculated based on $RENDER $HONEY, $UPT and $XNET burned for Render, Hivemapper, UpRock and XNET and Data Credits burned for Helium. These are the only protocols we are able to track for this metric.

`// Deep Dive: Overview // April 2025`



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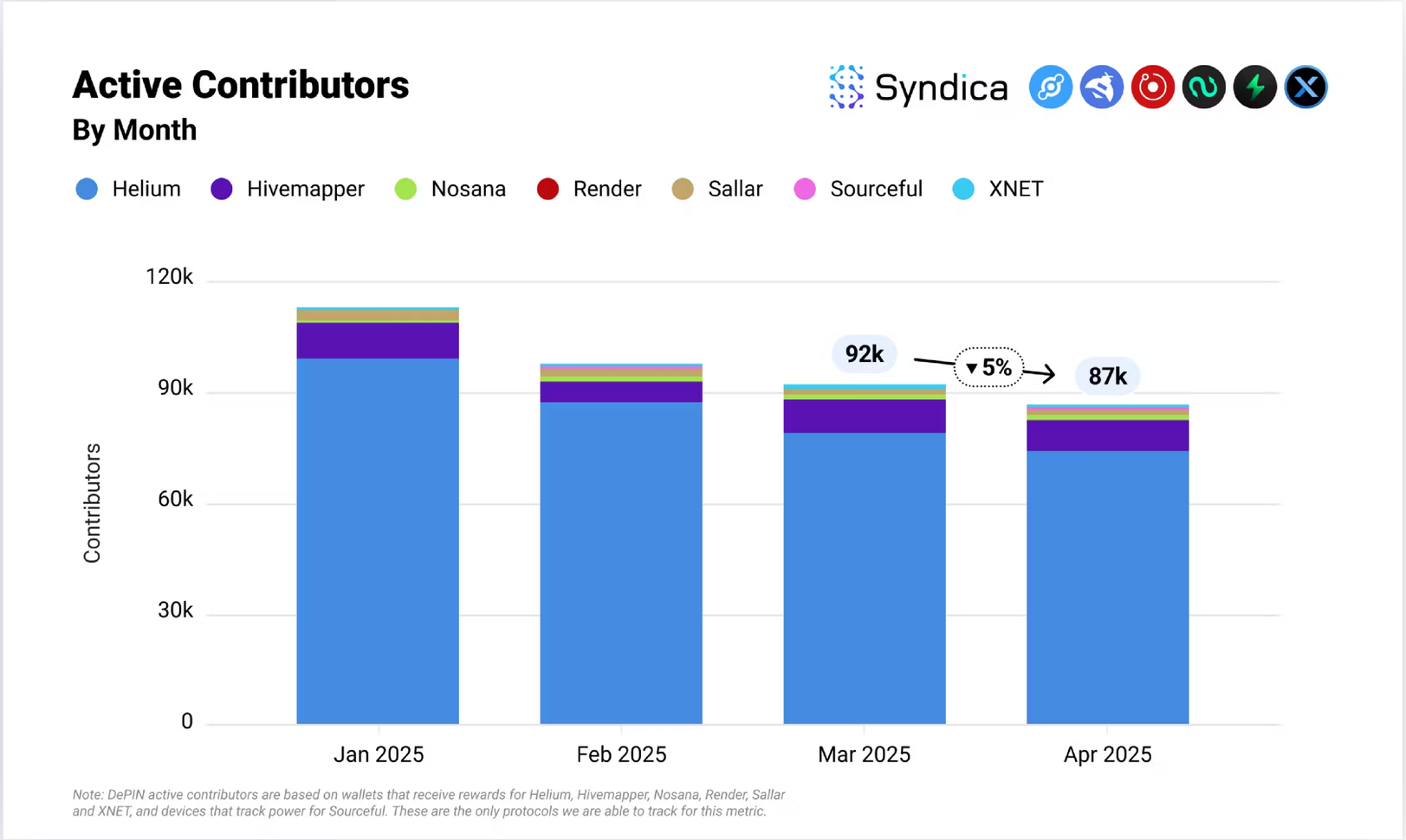
Active contributors across DePIN protocols tapered slightly.

Helium, Hivemapper, Nosana, Render, Sallar, Sourceful, and XNET collectively maintained 87k active contributors.

Note: DePIN active contributors are based on wallets that receive rewards for Helium, Hivemapper, Nosana, Render, Sallar and XNET, and devices that track power for Sourceful. These are the only protocols we are able to track for this metric.

`// Deep Dive: Overview // April 2025`



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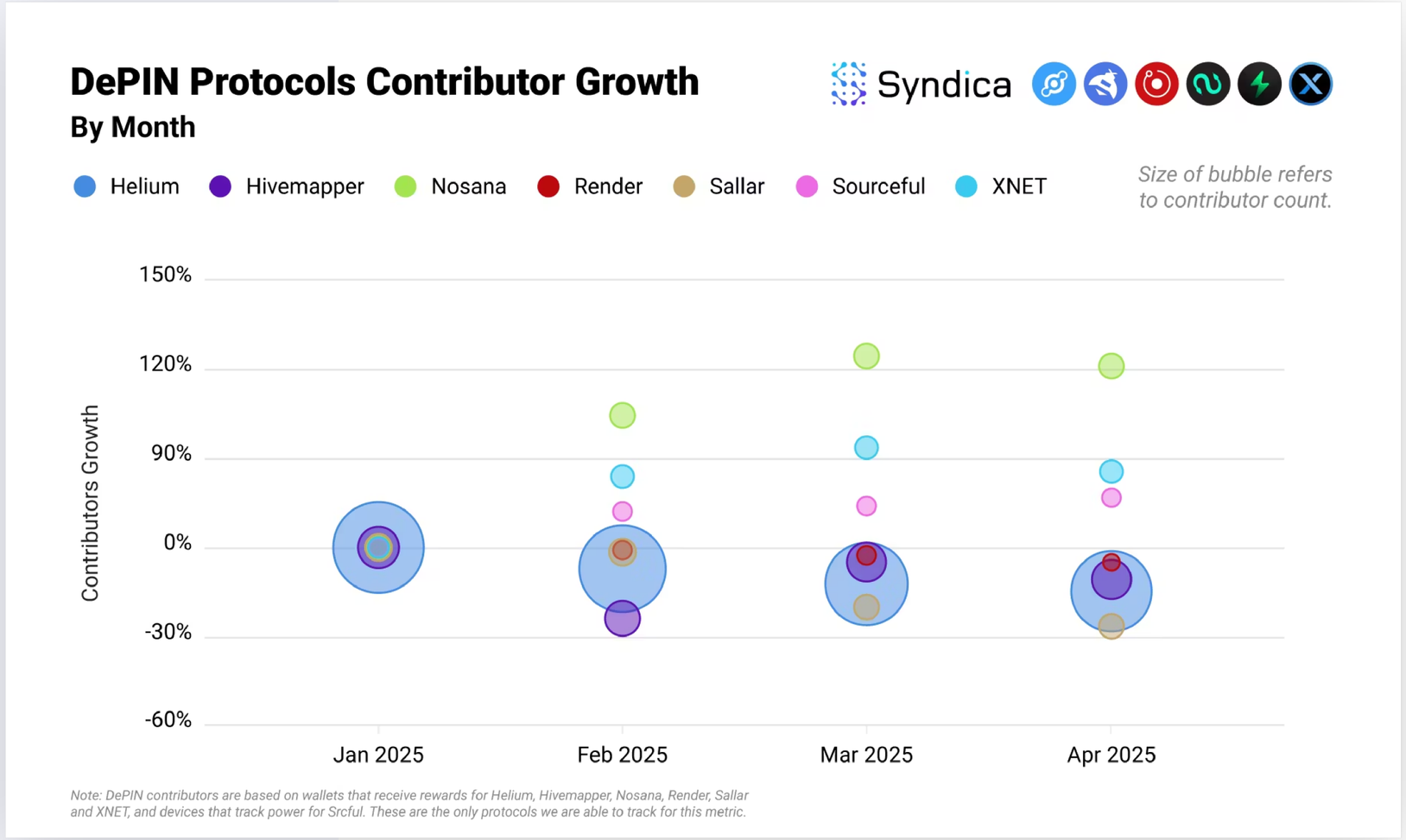
Smaller DePIN protocols are seeing contributor growth.

In April 2025, smaller DePIN protocols like Nosana experienced over 100% contributor growth, while larger protocols like Helium and Hivemapper experienced flat or contributor decline.

Note: DePIN contributors are based on wallets that receive rewards for Helium, Hivemapper, Nosana, Render, Sallar and XNET, and devices that track power for Srcful. These are the only protocols we are able to track for this metric.

`// Deep Dive: Overview // April 2025`



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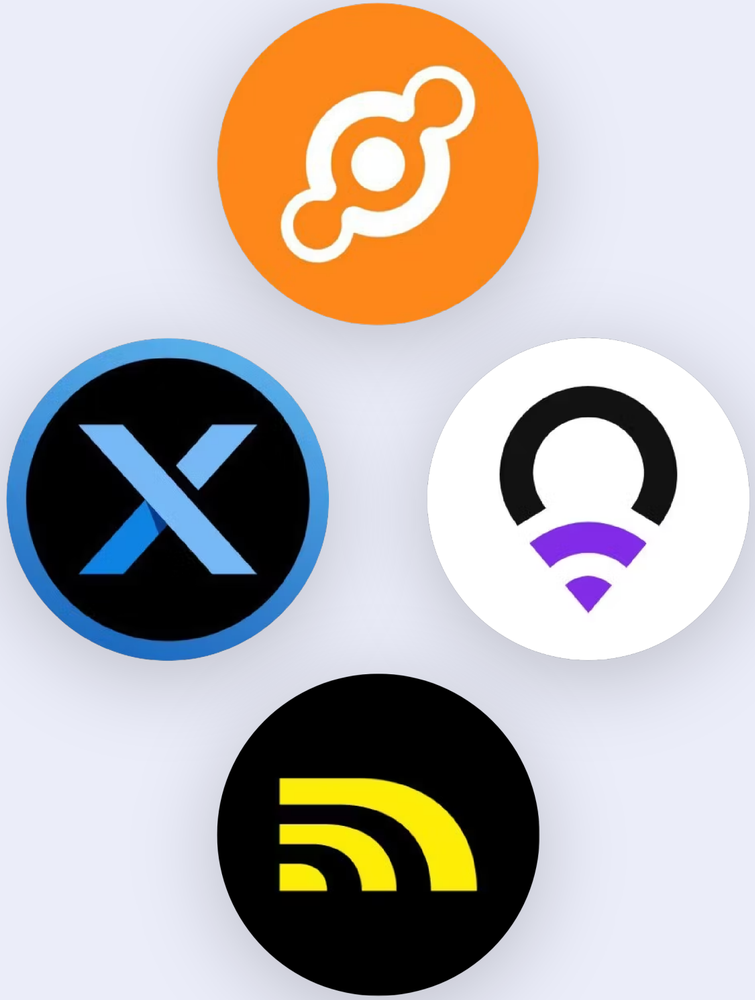
Part I
Wireless



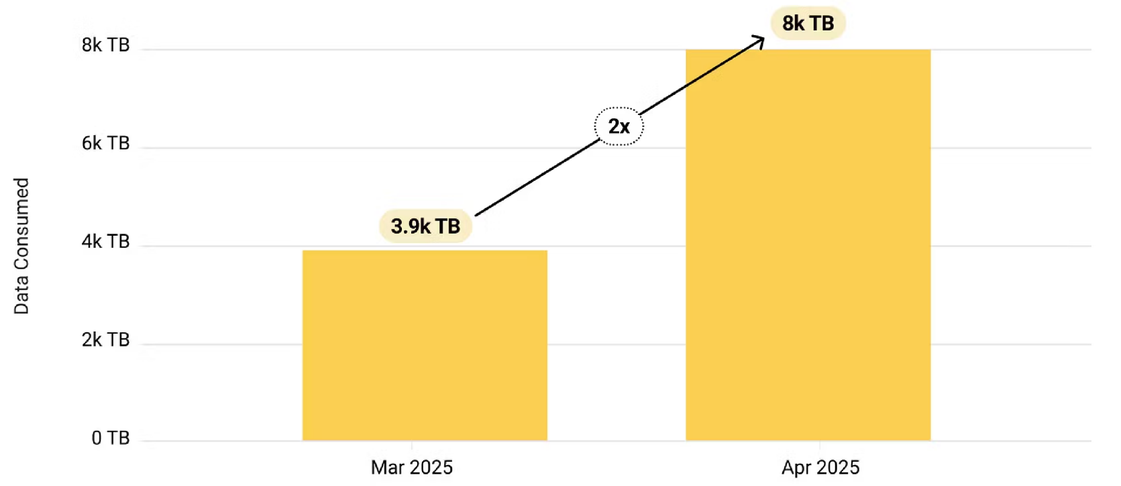
Note: Data has been sourced from Dabba's X post and website.

Dabba Network doubled its data usage.

From March to April, cumulative data consumed jumped to 8000 TB,
a 2x increase, while total device sales grew 29%, expanding the network.

Dabba Data Consumed

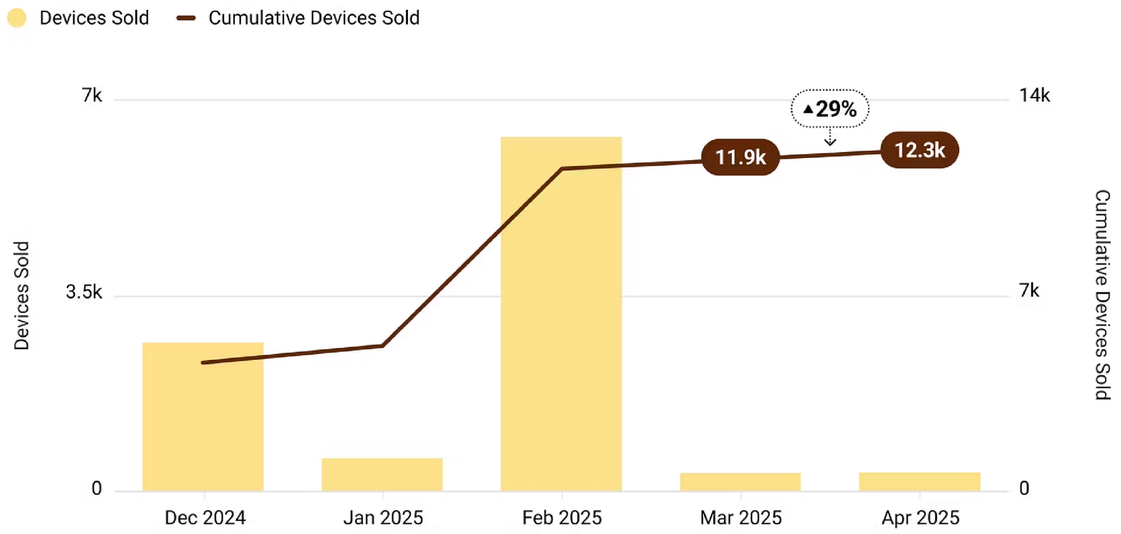
By Month



Note: Data has been sourced from Dabba's X post.

Dabba Network Devices Sold

By Month

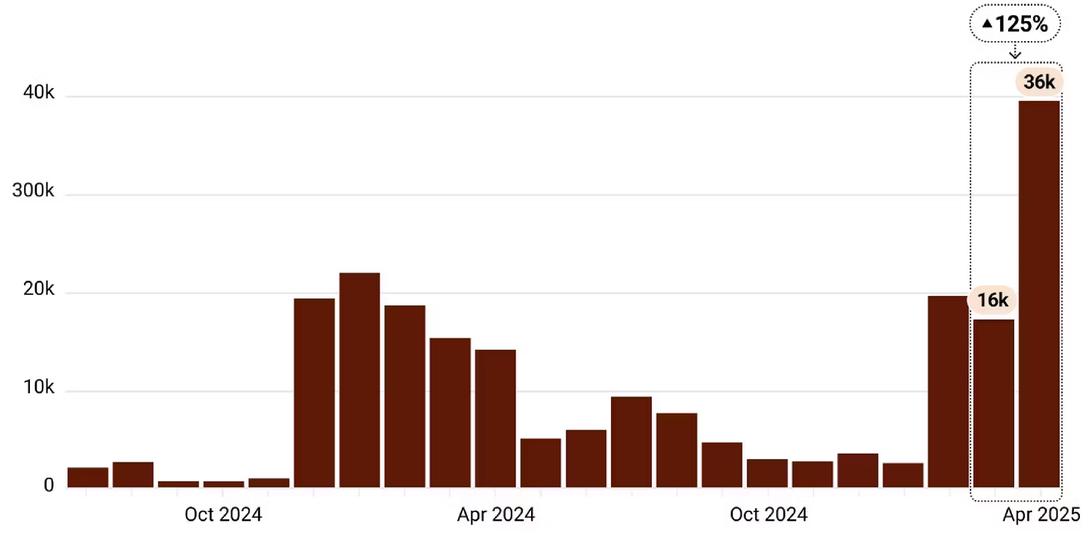


Note: Data has been sourced from Dabba's website.

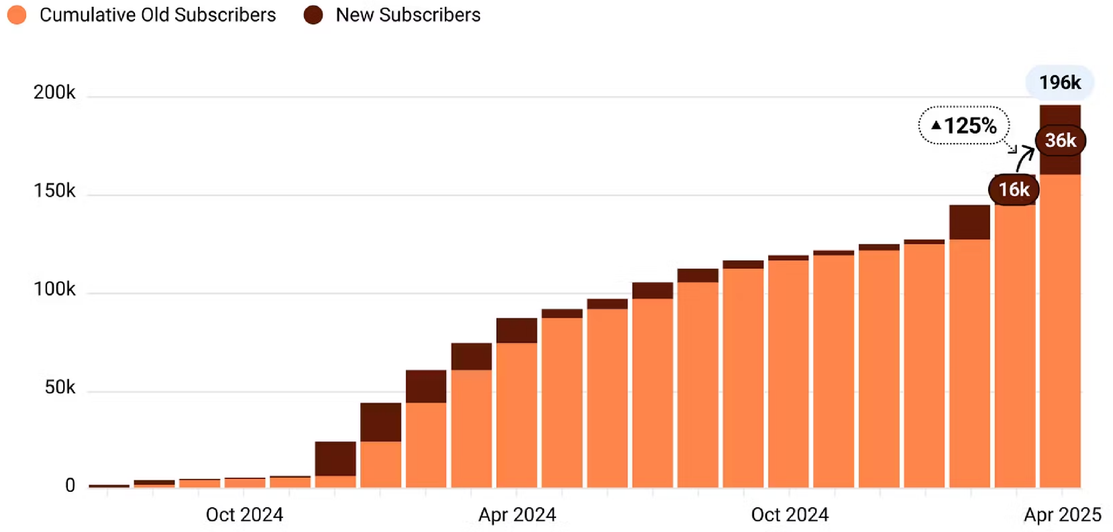
Helium Mobile posted its best month ever for new subscribers.

In April, new subscribers surged 125% to 36k after their free mobile plan became available to all users.

Helium Mobile New Subscribers
By Month



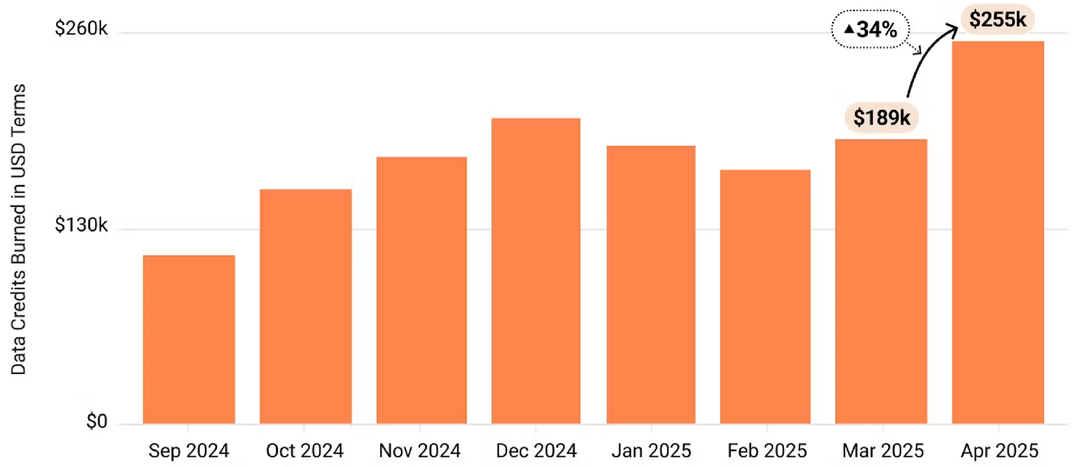
Helium Mobile New Subscribers
By Month



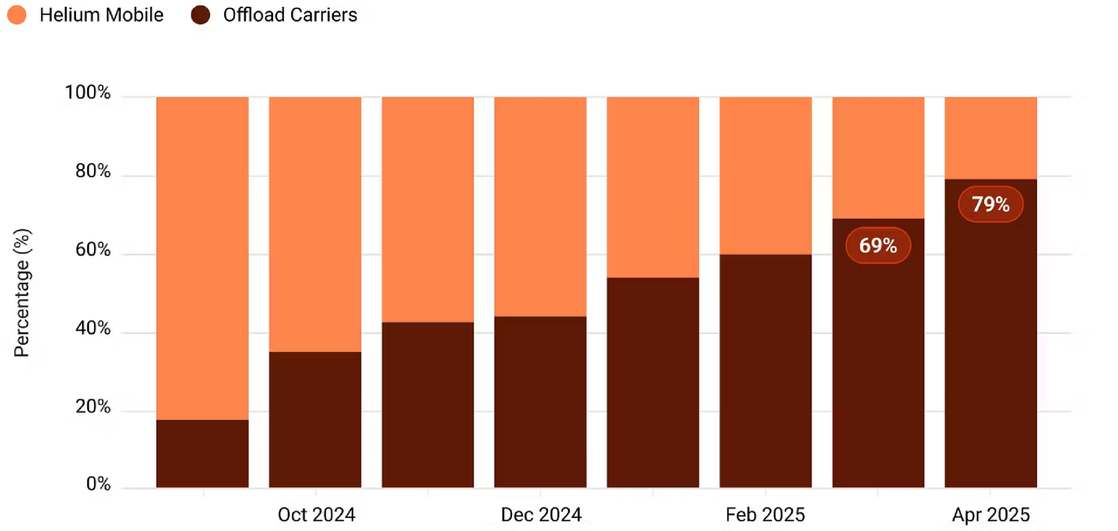
Helium Mobile revenue hit a record $250k.

April revenue, measured by data credits burned, rose 34% to a new high of $250k, with data offloading now making up 79%.

Helium Mobile Data Credits Burned
By Month

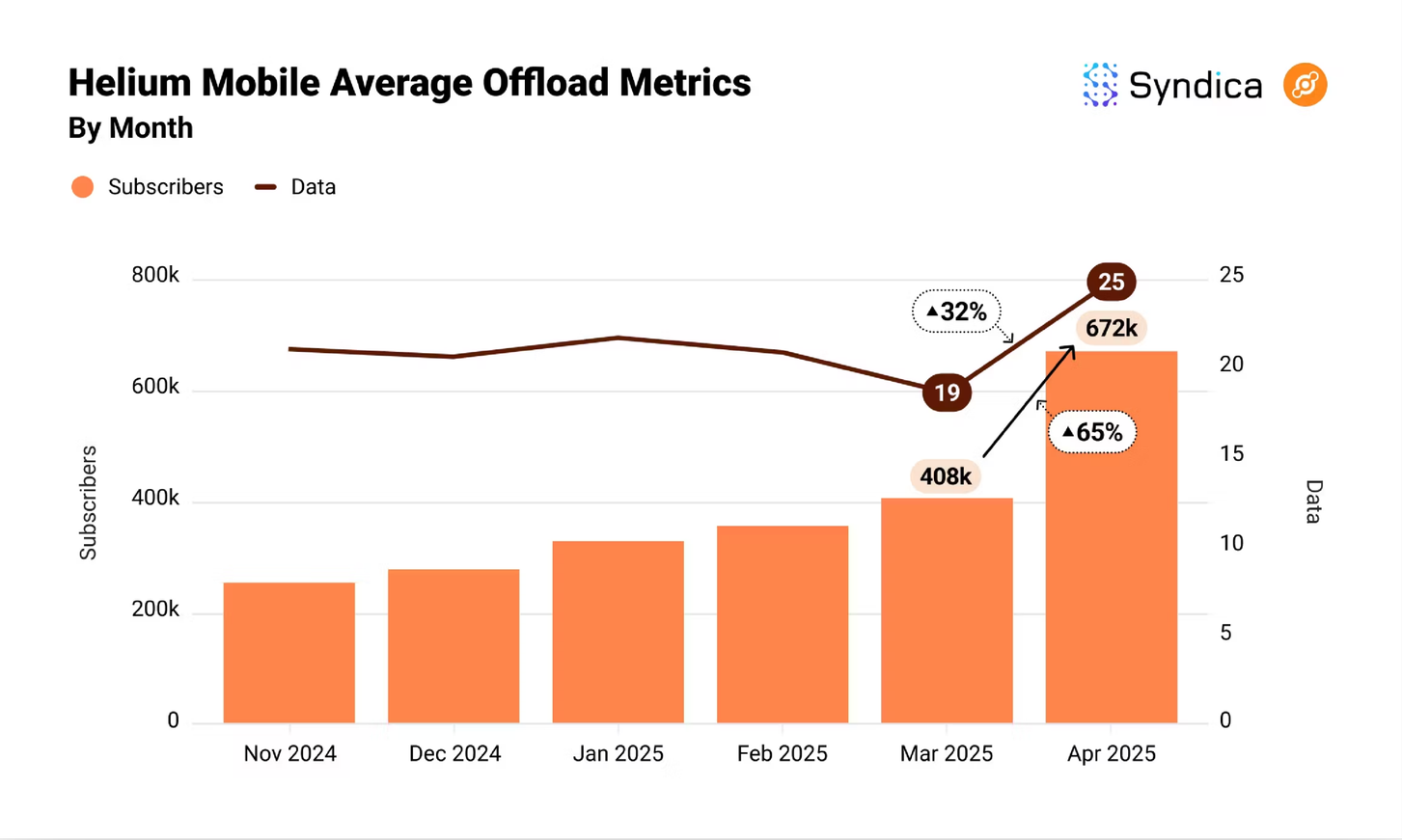


Helium Mobile Data Credits Burned
By Organization by Month



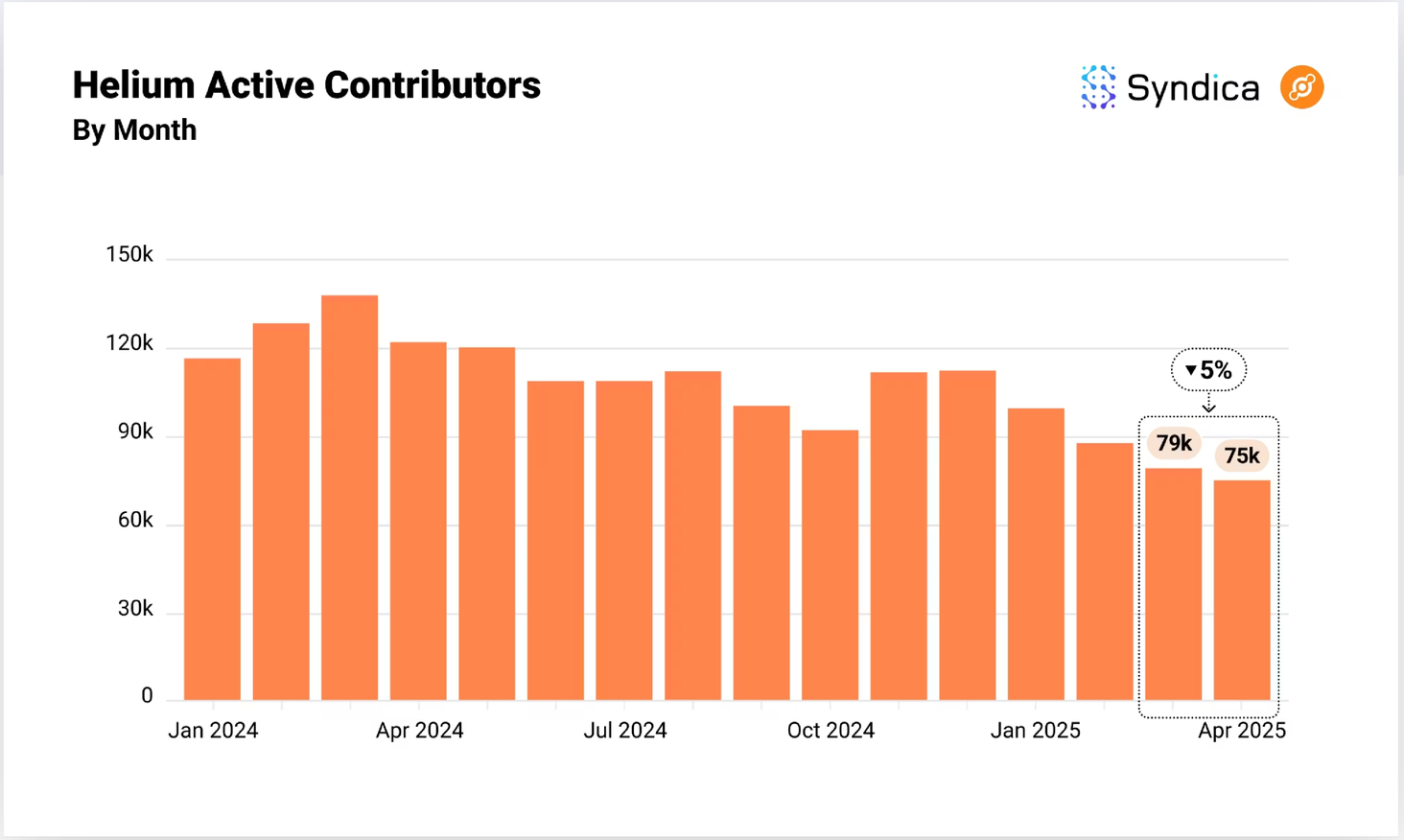
Helium Mobile data offloading set a fresh all-time high in April.

Average daily offload subscribers increased 65%, while offload data grew 32%, both hitting all-time highs.



Helium active contributors have tapered slightly in recent months.

Riding a 2025 downtrend, Helium's active contributors stabilized in the 75k range.



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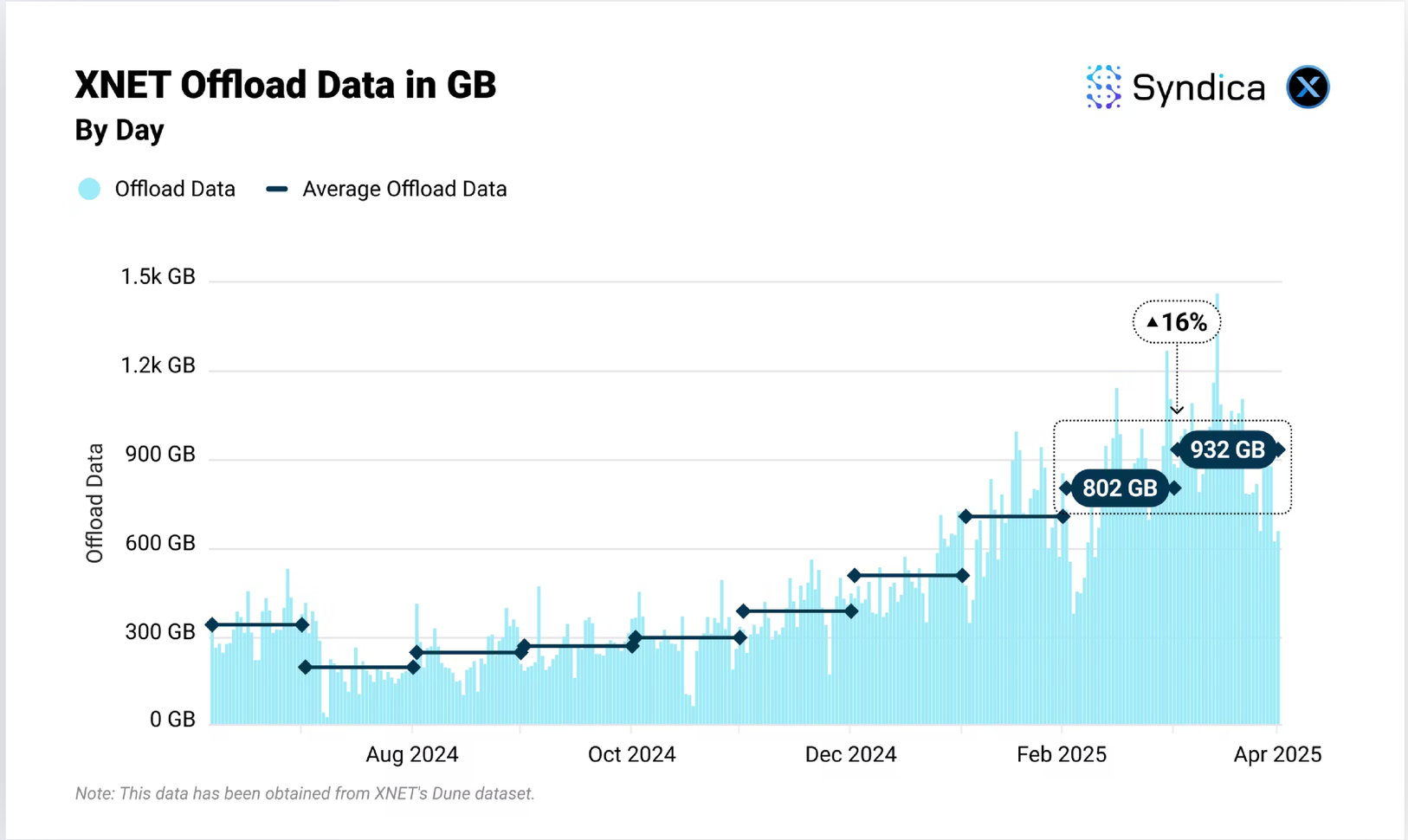
XNET data offload has grown for eight straight months.

April marked another milestone with a 16% rise in average daily data offload, continuing XNET's strong upward trend.



Note: This data has been obtained from XNET's Dune dataset.

`// Deep Dive: Wireless // April 2025`

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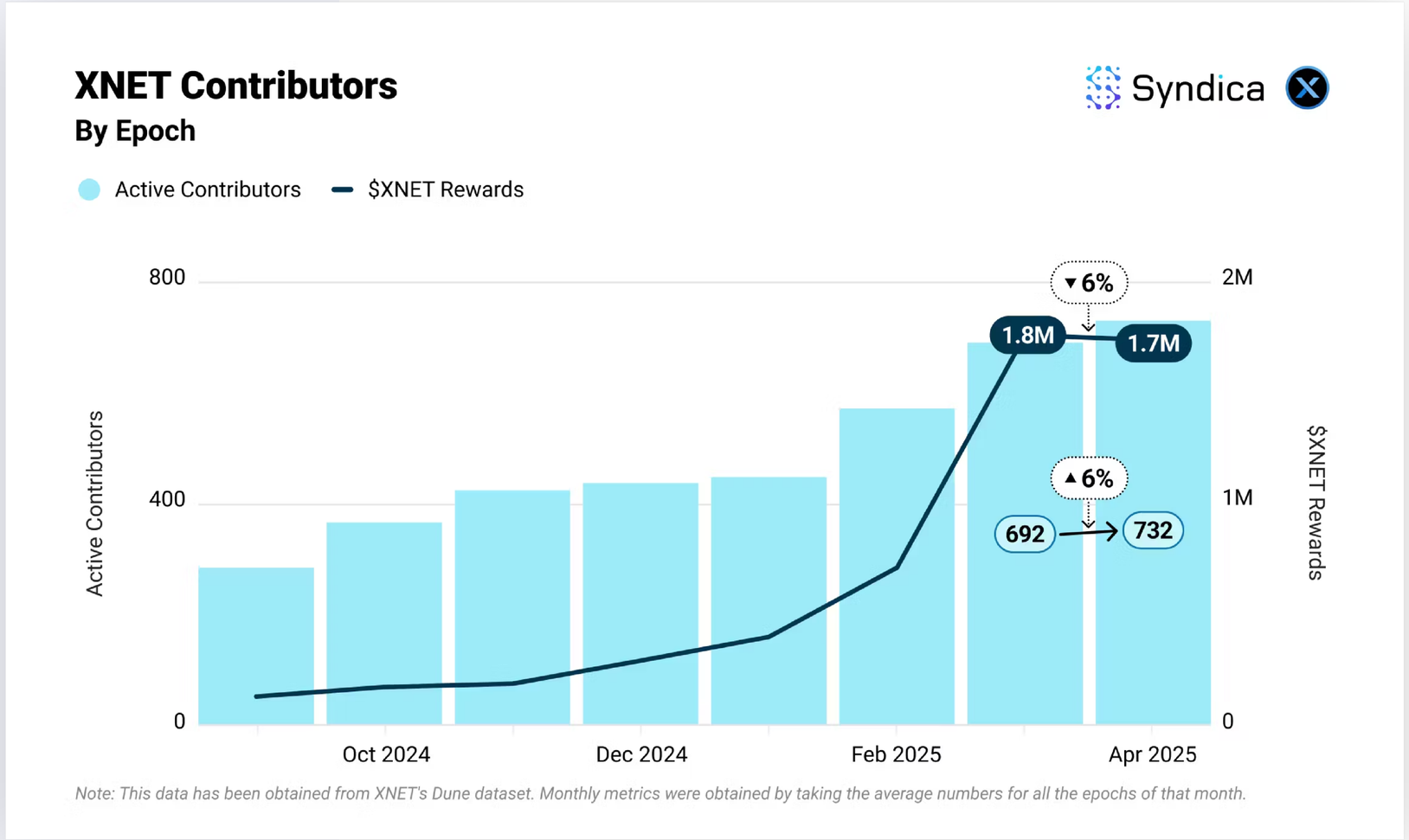
XNET contributors hit another ATH.

Despite rewards decreasing by 6%, active contributors rose by 6% to 732 in April, hitting a new record.



Note: This data has been obtained from XNET's Dune dataset. Monthly metrics were obtained by taking the average numbers for all the epochs of that month.

`// Deep Dive: Wireless // April 2025`

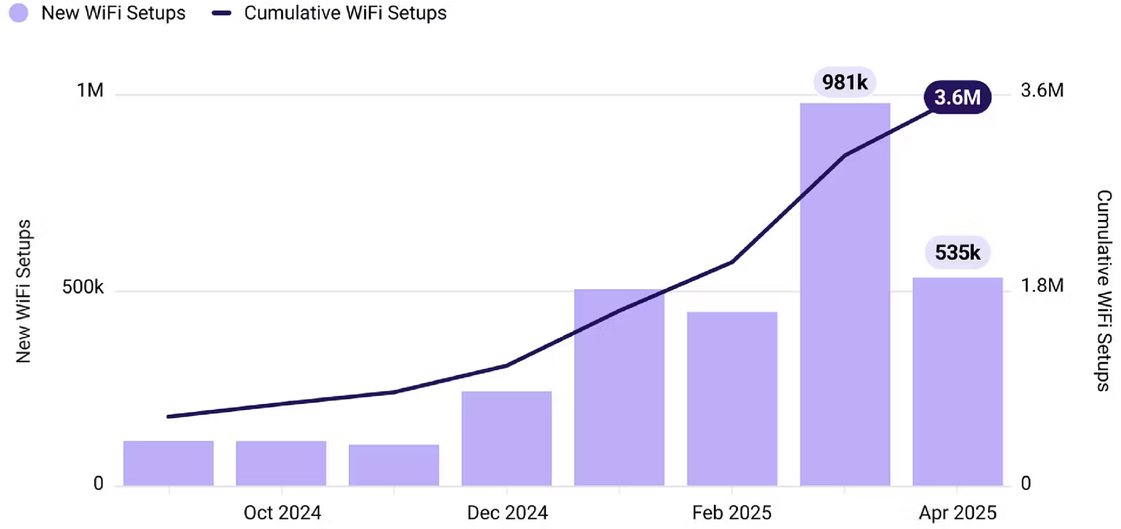
Note: Data has been sourced from Roam's website.

Roam continued to see a large uptick in new WiFi setups.

In April, Roam added 535k new WiFi setups (second-highest month ever) and 87k new users, edging closer to 4M nodes and 3M users of the protocol.

Roam WiFi Setups

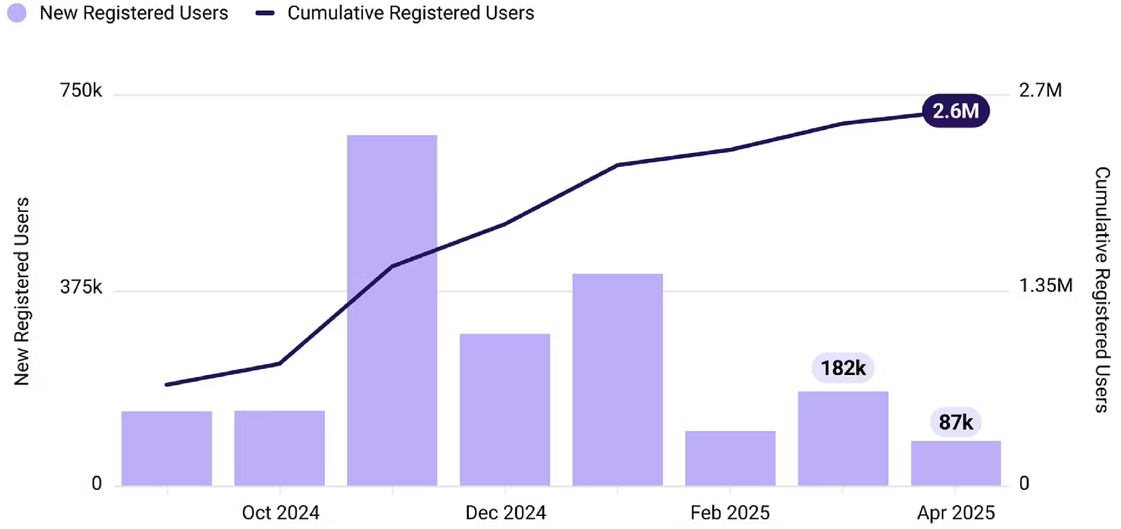
By Month



Note: Data has been sourced from Roam's website.

Roam Registered Users

By Month



Note: Data has been sourced from Roam's website.

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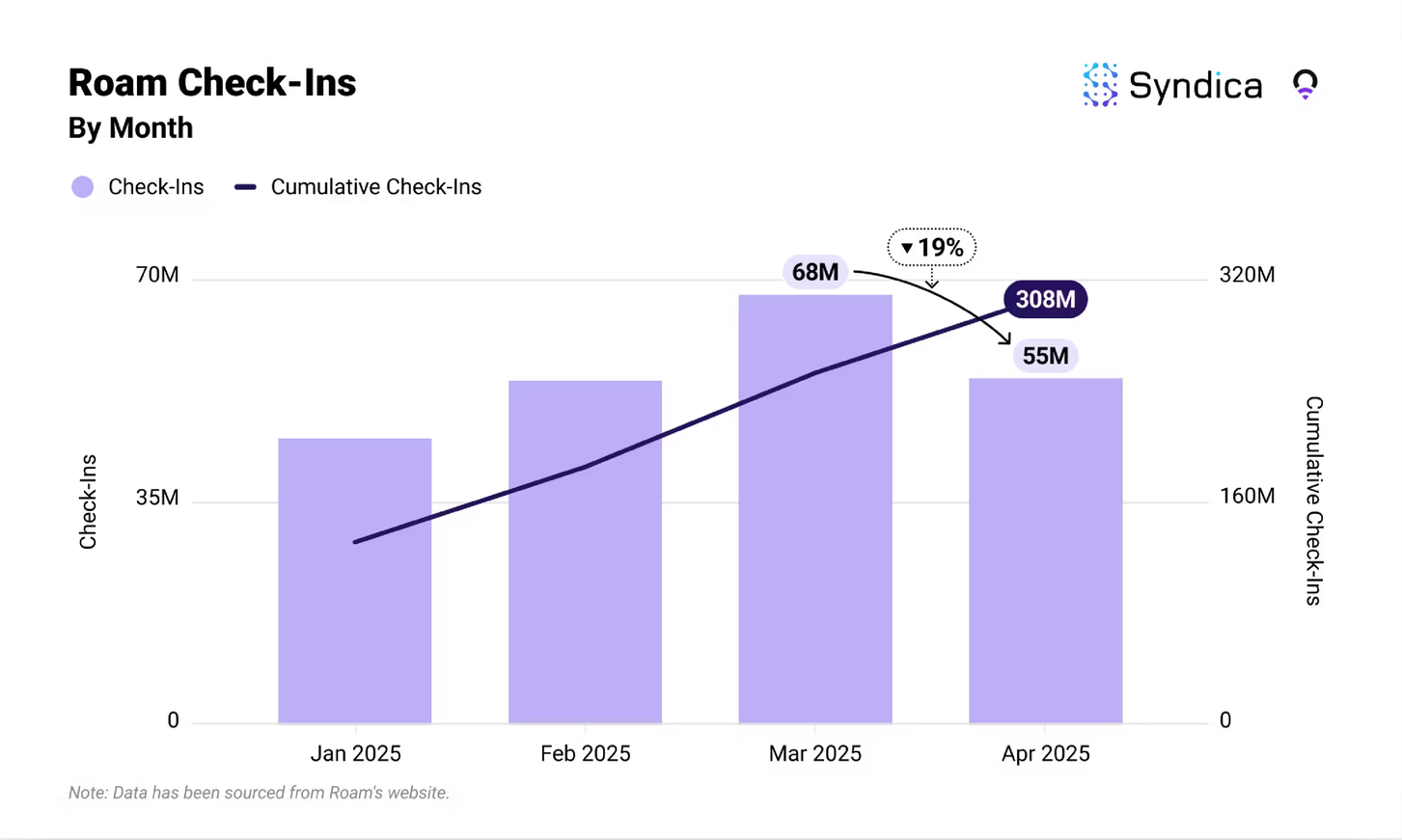
Roam hit 300M cumulative check-ins.

Despite a 19% dip in monthly user check-ins in April, Roam's milestone of over 300M total check-ins underscores its sustained user engagement.



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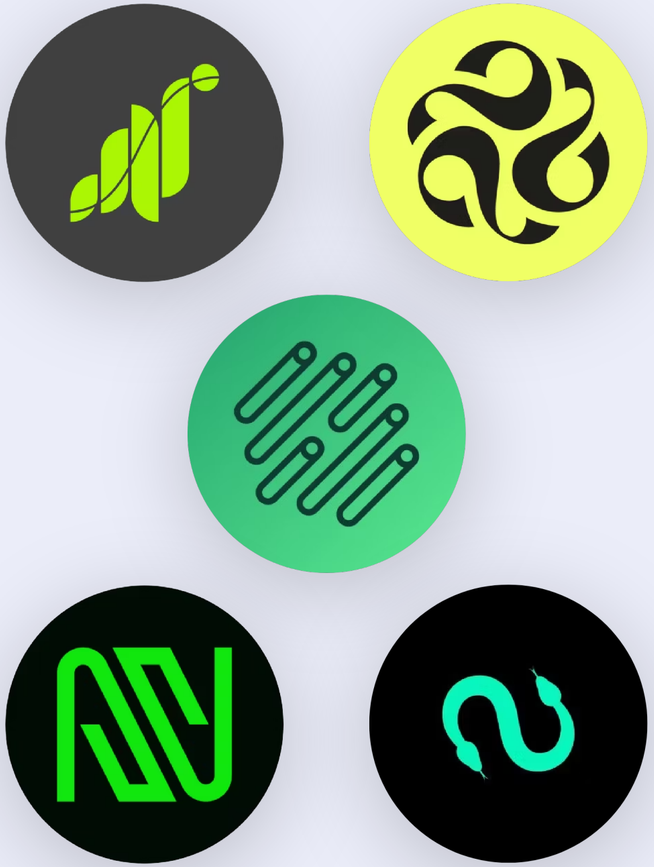
Part II

Compute, AI, & Data



// Deep Dive: Solana DePIN // April 2025

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Shaga scaled to 297 nodes, powering cloud gaming.

Shaga leverages idle GPU power for Web3 gaming.

The protocol currently has 297 nodes and 74 GPU models with a robust 33.12 TB of storage and 15.27 Gbps throughput, showcasing its capability to handle high-performance computing for decentralized applications.

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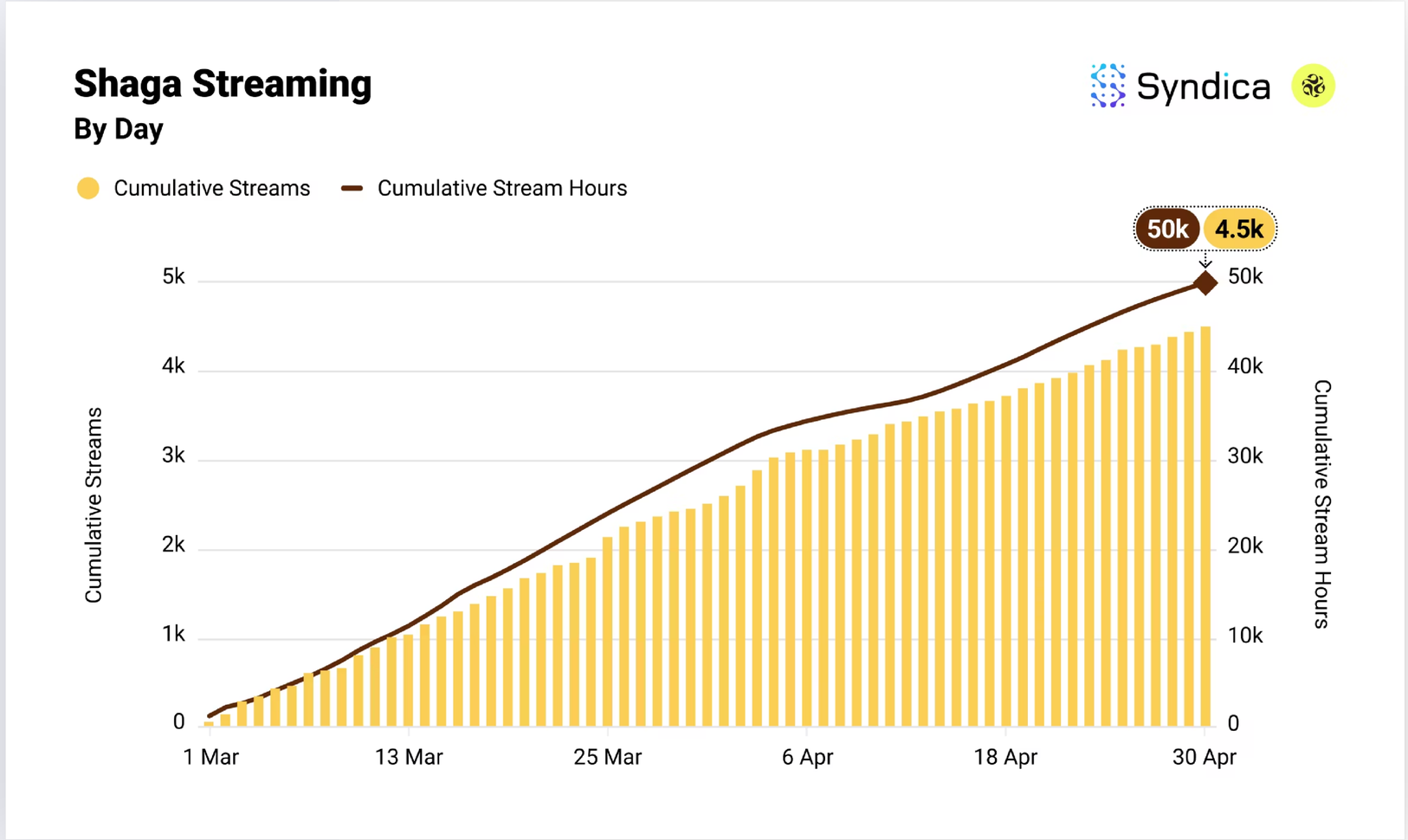
297 Nodes	**74** GPU Models
33.12 TB Storage	**1,208 GB** RAM
15.27 Gbps Throughput	**776,771** CPU Cinebench R23 Multi Score

Note: This data has been sourced from the Shaga team.

Syndica

Shaga's interactive streaming hit 50k hours.

Shaga enabled 4.5k interactive game streams with 50k hours in just two months, allowing viewers to control and play the streamer’s game.



Note: This data has been sourced from the Shaga team.

`// Deep Dive: Compute, Data & AI // April 2025`

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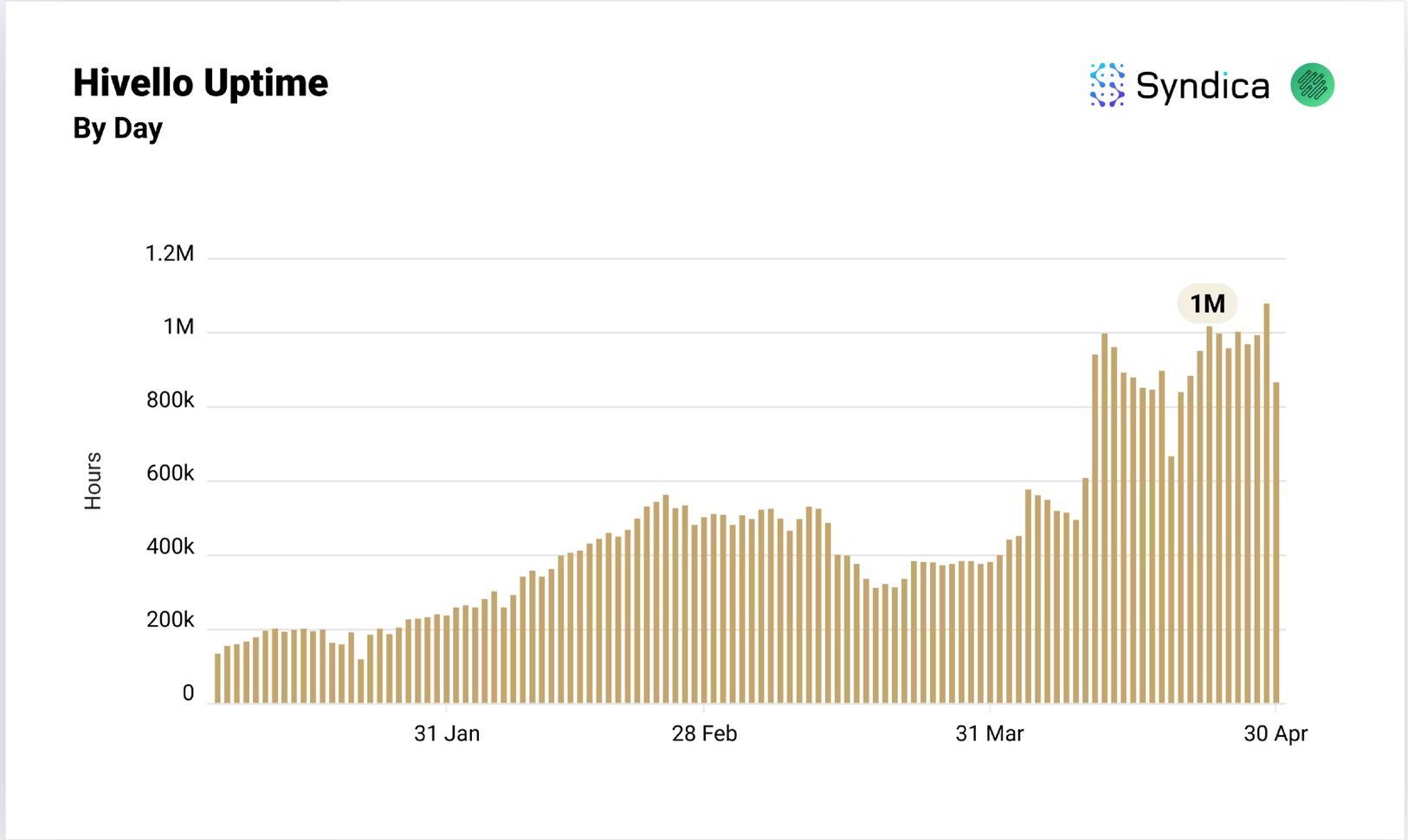
Hivello surpassed 1M hours of daily uptime.

Hivello is a DePIN aggregator platform for monetizing idle resources.

April’s uptime doubled from March as more nodes joined the network and contributed.



Note: Data has been sourced from Hivello's X post.

`// Deep Dive: Compute, Data & AI // April 2025`

Note: Active operators are based on deployed GPUs that ran and finished a job.

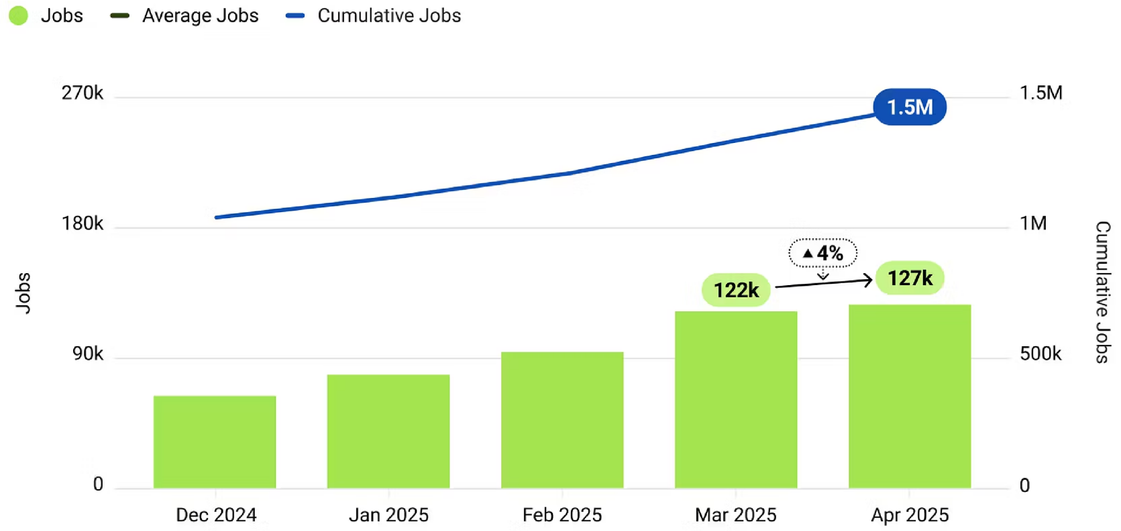
The Nosana ecosystem has continued to gain momentum.

Jobs completed and contributor rewards rose slightly as GPU operators held steady.

A new Gaia AI partnership, allowing AI agents to run on Nosana's infrastructure, likely drove job growth.

Nosana Jobs

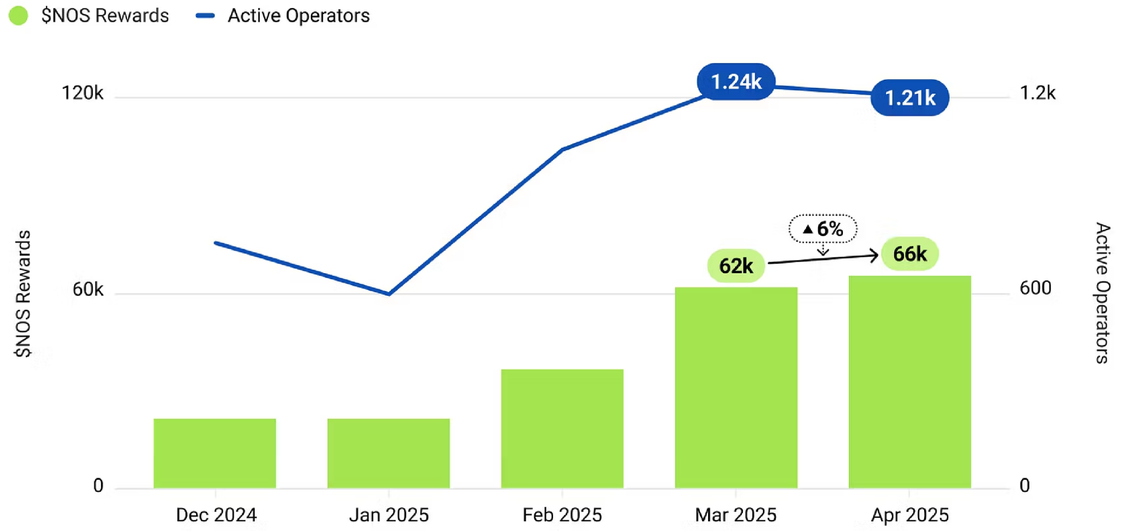
By Month



Note: Active operators are based on deployed GPUs that ran and finished a job.

Nosana Rewards and Active GPU Operators

By Month



Note: Active operators are based on deployed GPUs that ran and finished a job.

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Sallar's USD rewards increased by 27% in April.

Sallar is a protocol that allows users to earn tokens by sharing device computing power for AI tasks.

USD rewards rose to $11.8k in April 2025, supported by a stable active wallet base.

Note: Active wallets data has been sourced from the Sallar team.

`// Deep Dive: Compute, Data & AI // April 2025`

Sallar USD Rewards
By Month

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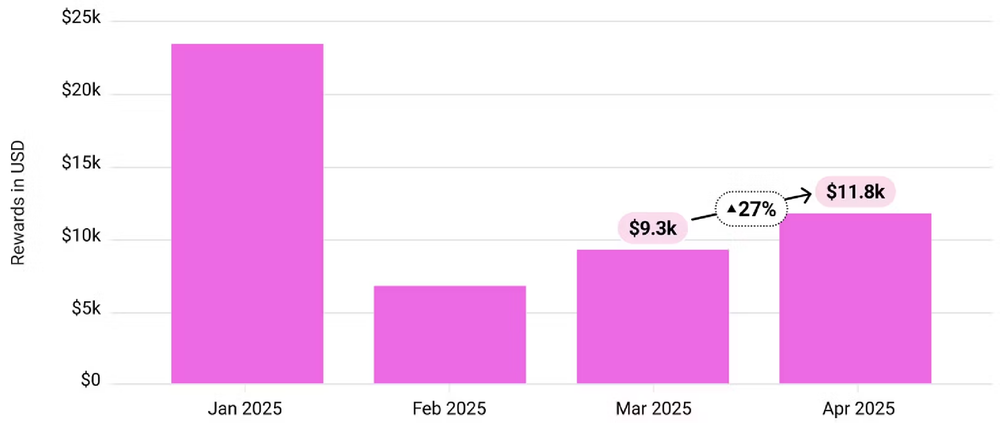

Sallar Active Wallets
By Month

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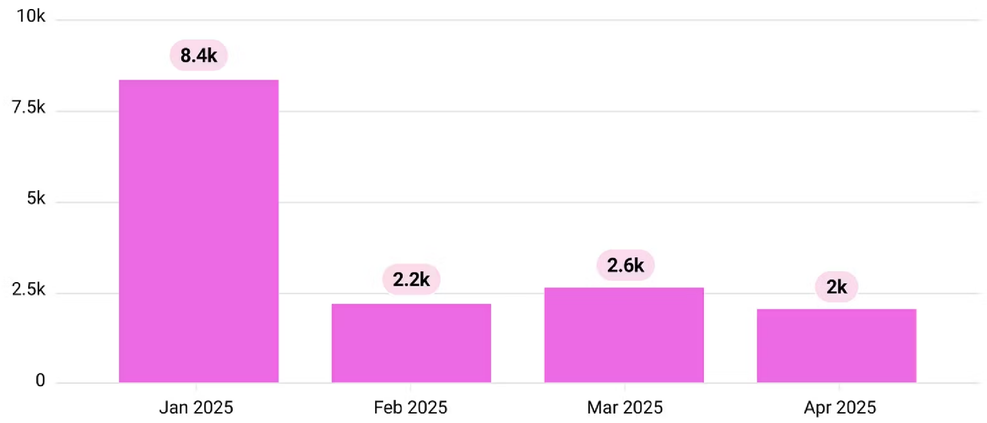
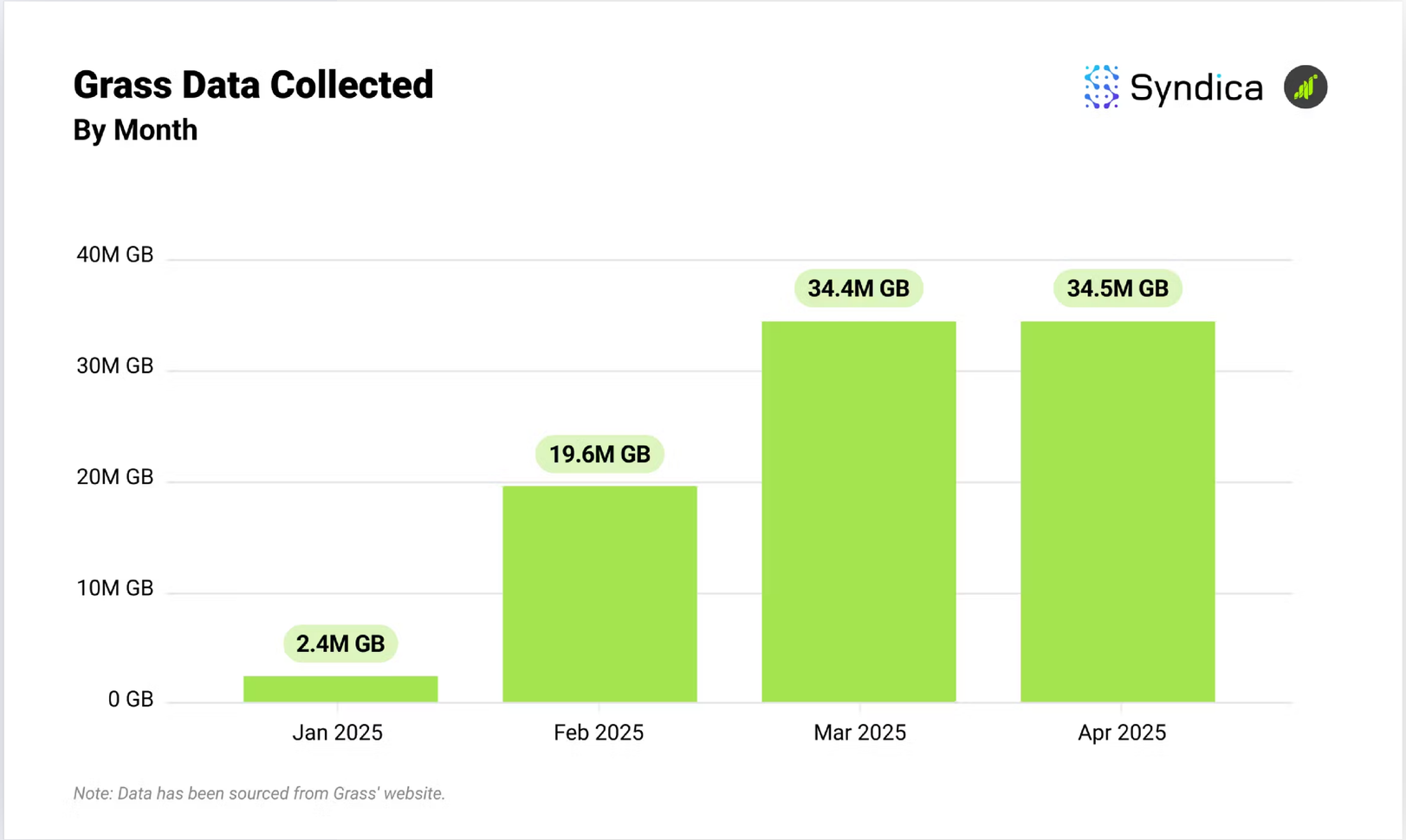


Note: Active wallets data has been sourced from the Sallar team.

Syndica

Grass set another ATH at 34.5M GB of collected data.



Note: Data has been sourced from Grass' website.

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Part III

Mapping

Syndica

Wingbits boosts data tracking capabilities.

Since November 2024, Wingbits enhanced its network, now tracking 150k flights and collecting 9B data points daily—up 7% and 29%, respectively. Their contributor count also grew by 43%, reaching a total of 3,000 live stations.

Flights Tracked

November 2024		April 2025
140k per day	+7% →	150k per day

Data Points

November 2024		April 2025
7B per day	+29% →	9B per day

Live Stations

November 2024		April 2025
2,100	+43% →	3,000

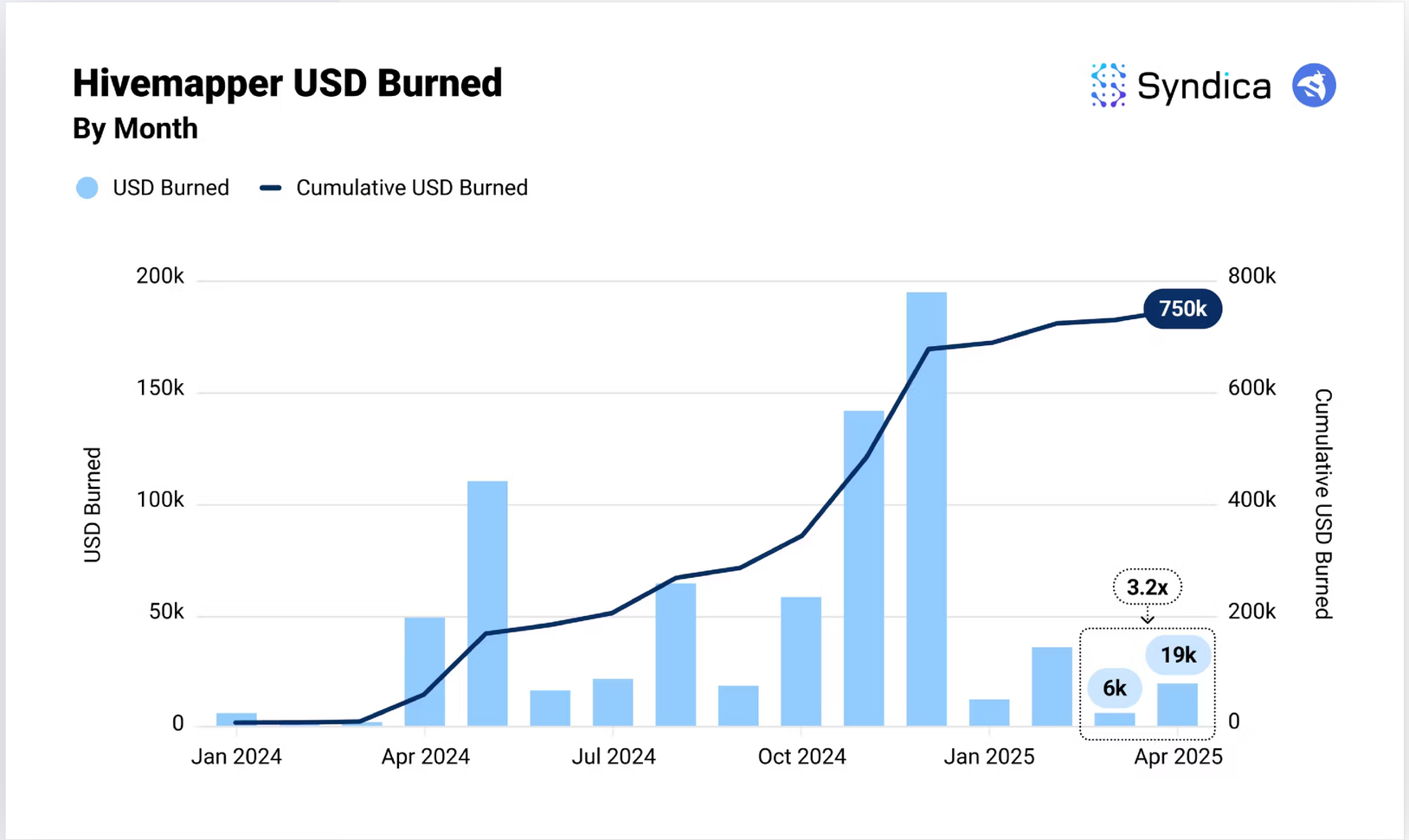
Note: This data has been obtained from the Wingbits team.

Syndica

Hivemapper demand has come in waves.

Demand measured in USD burned has seen a gradual monthly increase in 2025 while the team continues to iterate on the product side.

Moving forward, 20-30% of monthly Beekeeper fees are set to burn $HONEY, likely driving further future growth.



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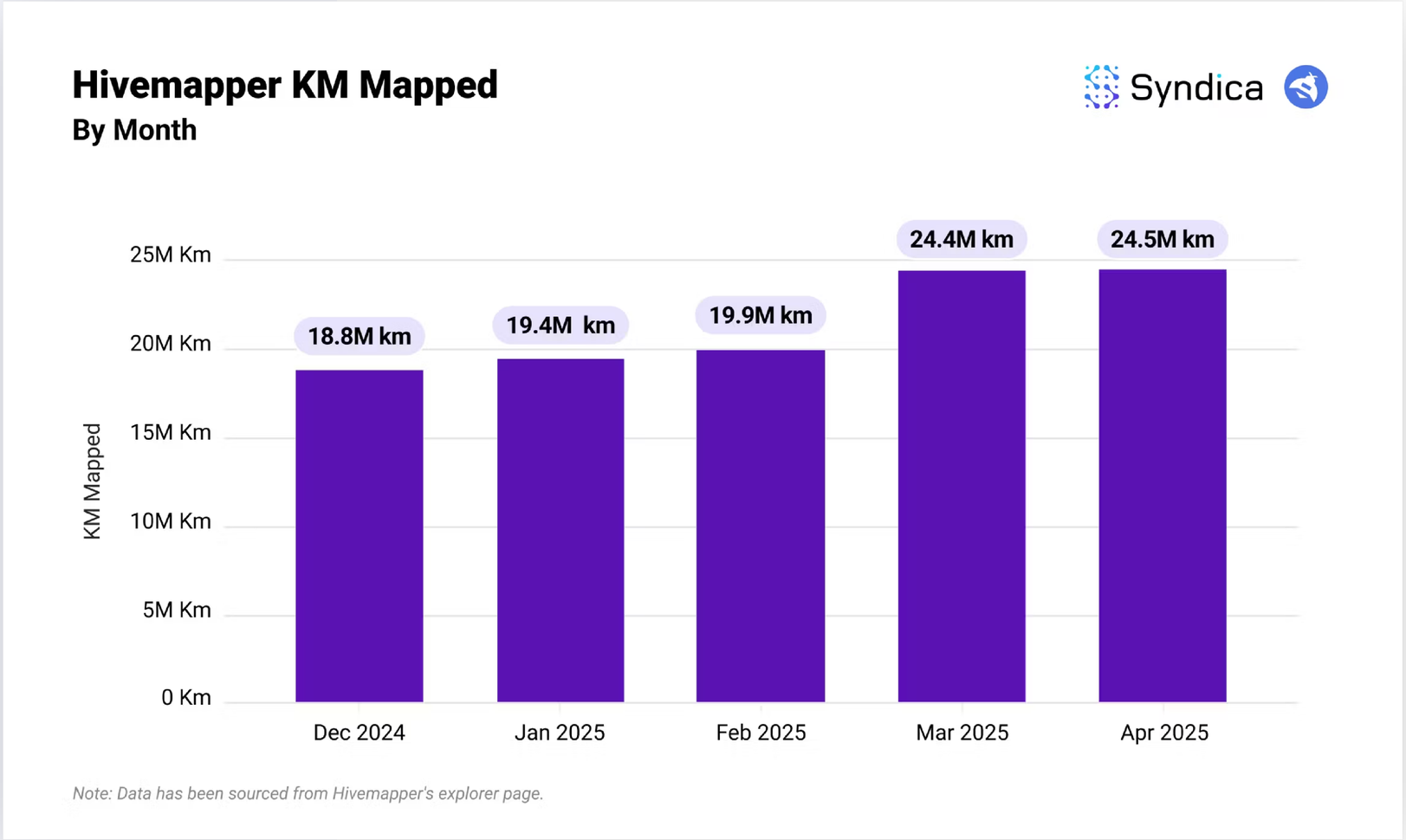
Hivemapper’s monthly kilometers mapped held steady in April.

While mapping stabilized, the public launch of Beekeeper, an AI-powered fleet management platform, is set to enhance mapping as more fleets join the network.



Note: Data has been sourced from Hivemapper's explorer page.

`// Deep Dive: Mapping // April 2025`

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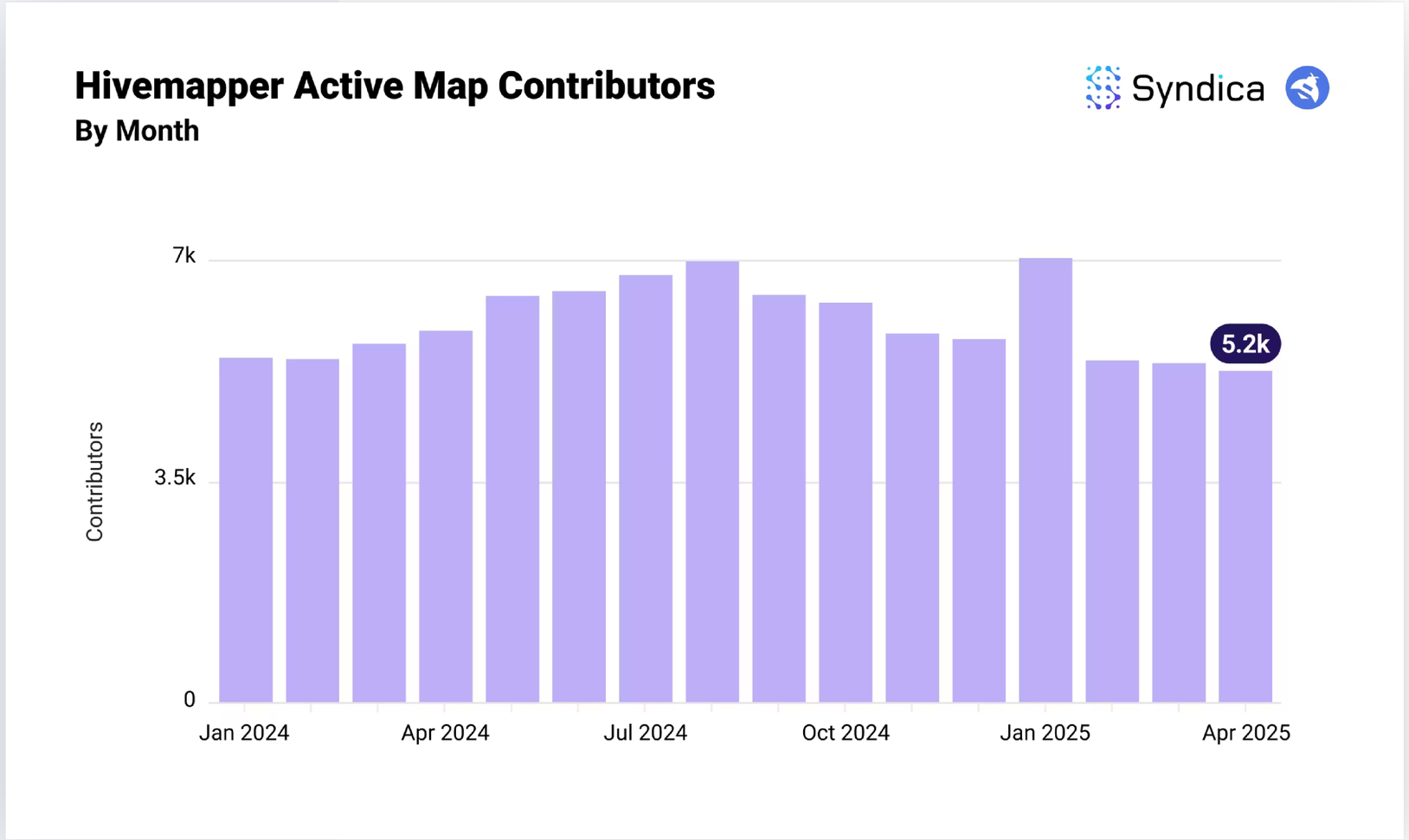
Hivemapper’s active map contributors remained stable.

Since February, active contributors remained consistent at around 5k.

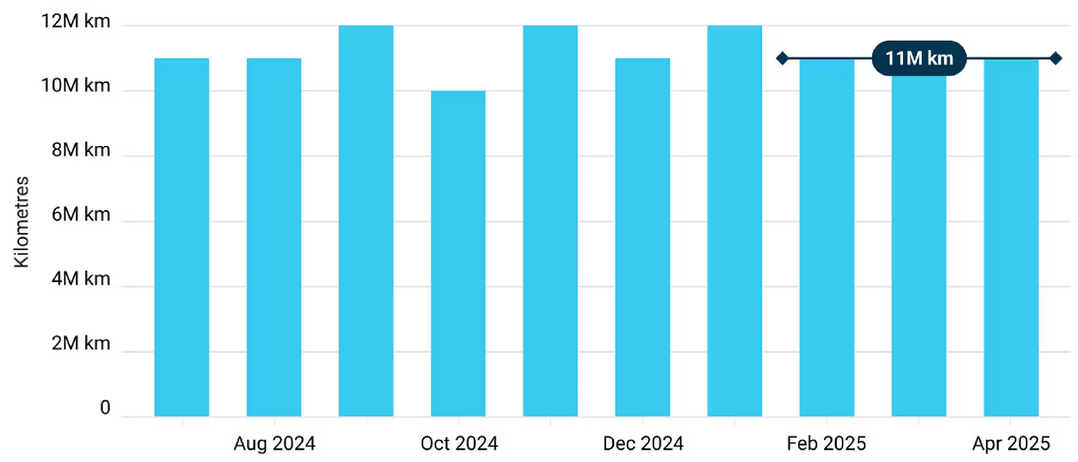


Note: Kilometers driven data has been sourced from NATIX's blog.

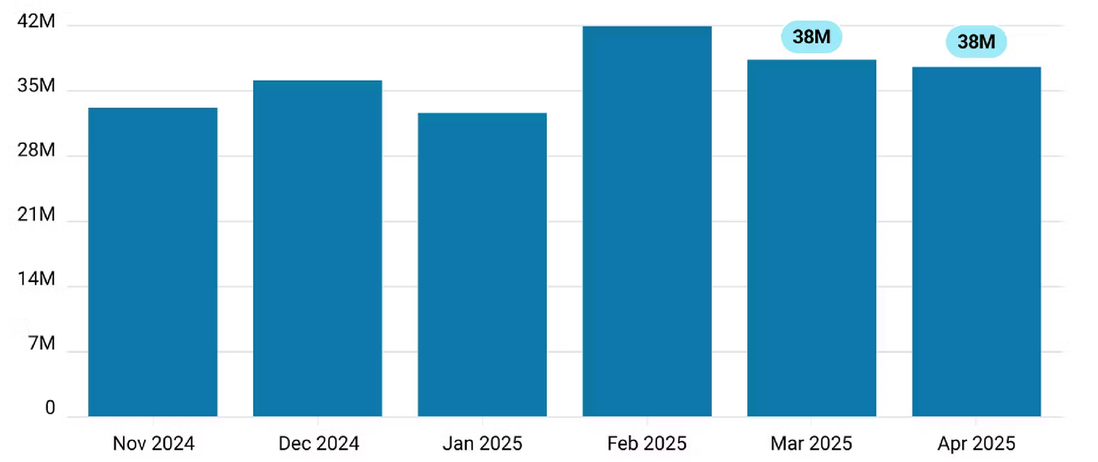
The NATIX ecosystem held steady in April.

Users drove 11M kilometers for the third straight month, while $NATIX token burns from demand stabilized around 38M.

NATIX Network Kilometres Driven
By Month



NATIX Token Burned
By Month



Note: Kilometers driven data has been sourced from NATIX's blog.

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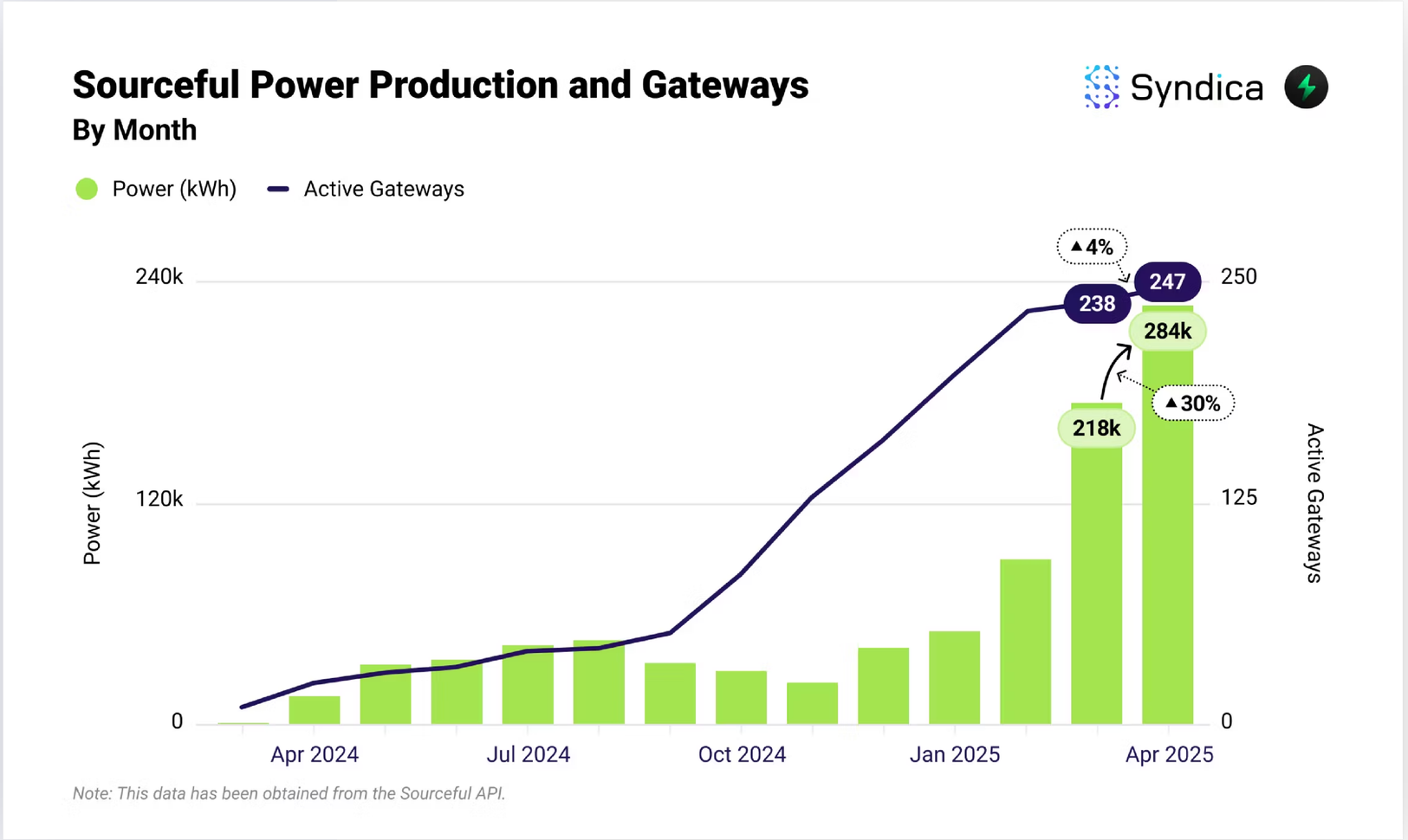
Part IV

Environment

Syndica

Sourceful power production set another ATH.

April saw a 30% rise in power output, with growth poised to continue as the new Zap smart device for energy insights secured 500 pre-orders.



Note: This data has been obtained from the Sourceful API.

`// Deep Dive: Environment // April 2025`

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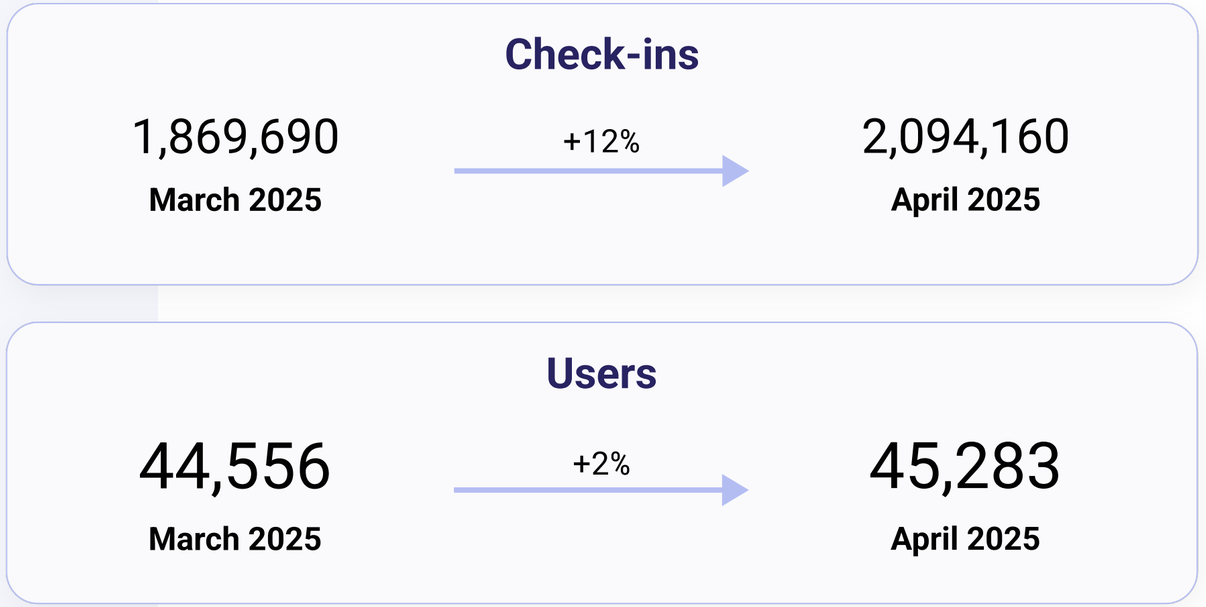
Ambios surpassed 2M user check-ins.

In April, check-ins by users sharing ecological data grew 12%, reaching over 2M, while the platform's user base rose 2% to 45k.

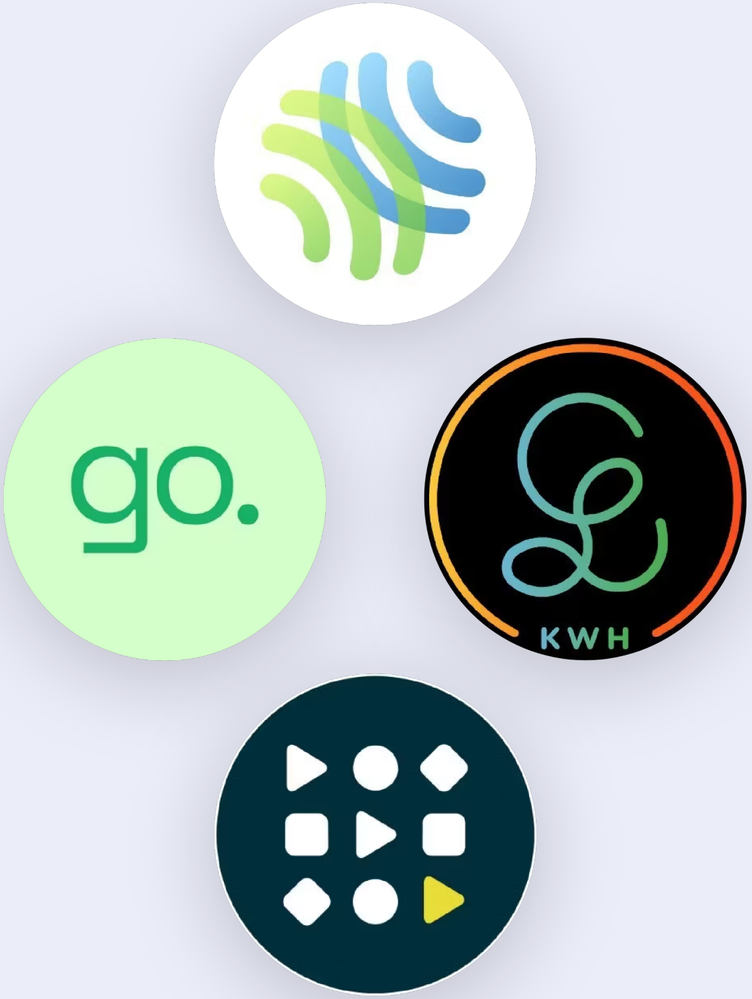


Note: This data has been sourced from Ambios' website.

`// Deep Dive: Environment // April 2025`

Syndica

Part V
News



Projects to Watch

WayFi

WayFi, currently in beta, is building a decentralized WiFi network on Solana and has joined the Colosseum hackathon.

Go Cabs

Go Cabs is building a decentralized and zero-commission EV ride-hailing platform.

GreenkWh

GreenkWh is building a decentralized renewable energy network that aggregates clean energy from off-grid solar installations.

Staex

Staex is building a decentralized network for secure machine-to-machine communication.